

## ABSTRACT

A valve connector for coupling with inflation valves of vehicle tyres, comprising a housing, within the housing a coupling hole for coupling with an inflation valve, the coupling hole having a central axis and an outer opening, positioning means for positioning the inflation valve when coupled in the coupling hole, and an activating pin, which is arranged coaxially with the coupling hole, for depressing a central spring-force operated core pin of the inflation valve, a cylinder (303) having a cylinder wall provided with a pressure port which is connected to a pressure source, wherein the activating pin is shiftable between a proximal pin position and a distal pin position relative to the positioning means so as to depress the core pin of the inflation valve in its distal pin position and disengage the core pin of the inflation valve in its proximal pin position when the inflation valve is positioned by the positioning means, the activating pin is coupled with a piston (304) and the piston (304) is slidably arranged in the cylinder (303) and is movable between a proximal piston position, which corresponds to the proximal pin position, and a distal piston position, which corresponds to the distal pin position. The piston (304) is disposed in the cylinder (303) between the pressure port and the coupling hole and is drivable from its proximal piston position to its distal piston position by the pressure supplied into the cylinder (303) from the pressure source, and that flow regulating means are provided for selectively interrupting or freeing a flow path between the pressure source and the coupling hole depending on the piston positions and are adapted such that the flow path is interrupted in the proximal piston position and the flow path is freed in the distal piston position at least when the inflation valve is positioned by the positioning means.(FIG. 4)



*JFW*

**MAIL STOP PETITION**  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                  |                       |           |         |
|------------------|-----------------------|-----------|---------|
| Applicant:       | Nicolaas van der BLOM | Conf.:    | 8525    |
| Appl. No.:       | 10/635,433            | Group:    | Unknown |
| Filed:           | August 7, 2003        | Examiner: | Unknown |
| For:             | VALVE CONNECTOR       |           |         |
| Attorney Docket: | 1500-000001/US/DVB    |           |         |

Mail Stop Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 24, 2004

**PETITION IN RESPONSE TO NOTICE OF INCOMPLETE  
NONPROVISIONAL APPLICATION**

Sir:

Applicants respectfully petition for acceptance of the above-identified application papers originally filed August 7, 2003. Further to a telephone conversation between you customer service center representative and my assistant on August 24, 2004, it appears that the application papers in your files have been mixed up. According to your representative the specification in your file is 13 pages when in fact the specification we filed is 28 pages. Your representative and my assistant concluded that what you determined as the specification is merely a copy of the Priority Letter and translation, which is single spaced and is 13 pages in length.

With regard to the drawings, our date stamped postcard indicates that 15 sheets of formal drawings were submitted and received on August 7, 2003.

We therefore submit a duplicate copy of the 28 page specification for your records along with a duplicate of the 15 sheets of formal drawings.

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- ☒ The required petition fee of \$130.00 is enclosed herewith.
- ☒ A copy of the Notice of Incomplete Nonprovisional Application is enclosed.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact John A. Castellano at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By

  
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JAC/cah

Attachments: 28 page specification  
15 sheets formal drawings  
copy of Notice of Incomplete Nonprovisional Application  
copy of date stamped postcard  
check for \$130.00